L Number	Hits	Search Text	DB	Time stamp
-	22099	(toxin or pathogen) and detect\$ and (non-antibody w3 ligand)	USPAT; US-PGPUB; EPO; JPO;	2004/07/15 14:09
-	74	(toxin or pathogen) and detect\$ and (non-antibody with ligand)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/07/12 09:22
-	3	(toxin or pathogen) and detect\$ and (non-antibody with ligand) and (identify with (microbial and protein))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/06/24 10:47
-	0	(toxin or pathogen) and (detect\$ with (non-antibody with ligand)) and (identify with (microbial and protein))	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/24 10:47
-	2	(detect\$ with (toxin or pathogen)) and (non-antibody with ligand) and (identify with (microbial and protein))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/24 10:49
-	6	peptides with bind with (pathogenic and (microorganism or proteinaceous and toxin))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/24 10:59
-	30057953	peptides with bind with (pathogenic and (microorganism or proteinaceous and toxin)) (not immunogenic.clm)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/24 11:00
-	6	peptides with bind with (pathogenic and (microorganism or proteinaceous and toxin)) not immunogenic.clm	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/24 11:00
-	31312	detect\$ with (microbe or bacteria or virus or fungi or protozoa or rickettsiae or cell or (proteinaceous with material) or proteinaceous or toxin or pathogen) and (non-antibody w3 ligand) and (bind or tether or bound or attach)	USPAT; US-PGPUB	2004/06/24 11:04
•	10690	detect\$ with (microbe or bacteria or virus or fungi or protozoa or rickettsiae or cell or (proteinaceous with material) or proteinaceous or toxin or pathogen) and (non-antibody w3 ligand) and ((bind or tether or bound or attach) with (substrate or polymer or glass or chip or sensor or (sensor with chip)))	USPAT; US-PGPUB	2004/06/24 11:06
•	10690	(detect\$ with (microbe or bacteria or virus or fungi or protozoa or rickettsiae or cell or (proteinaceous with material) or proteinaceous or toxin or pathogen)) and (non-antibody w3 ligand) and ((bind or tether or bound or attach) with (substrate or polymer or glass or chip or sensor or (sensor with chip)))	USPAT; US-PGPUB	2004/06/24 11:07
-	2	(("5760406") or ("5968766")).PN.	USPAT; US-PGPUB	2004/07/12 10:27
-	3 248	("5401412" "5466604" "5760406").PN. (analyte and ligand and (biological adj analyte)).clm	USPAT USPAT; US-PGPUB	2004/06/24 13:12 2004/06/24 13:20
-	248	(analyte and ligand and (biological adj analyte)).clm and detect\$4 and taxonomic and (ligand with (tether\$4 or bind or bound or link\$2))	USPAT; US-PGPUB	2004/07/14 16:28
-	264	(analyte and ligand and (biological adj analyte)).clm and detect\$4 and taxonomic and (ligand with (tether\$4 or bind or bound or link\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/14 16:27
-	264	(analyte and ligand and (biological adj analyte)).clm and detect\$4 and taxonomic and (ligand with (tether\$4 or bind or bound or link\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/24 13:25

Clanalyte and ligand and (biological adj analyte)).clm and detect\$4 and taxonomic and (ligand with (tether\$4 or bind or bound or link\$2))) and @ad<20011101 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; USPAT;
- 264 (analyte and ligand and (biological adj analyte)).clm and detect\$4 and taxonomic and (ligand with (tether\$4 or bind or bound or link\$2)) - 168 ((analyte and ligand and (biological adj analyte)).clm and detect\$4 and taxonomic and (ligand with (tether\$4 or bind or bound or link\$2))) and @ad<20011101 - 4241 taxonomic - 4241 taxonomic - 3 taxonomic with (biological adj analyte) - 519 taxonomic with ((biological adj analyte) - 8 taxonomic with ((biological adj analyte) or protein or ligand or analyte) - 8 taxonomic adj (identi\$) with ((biological adj analyte) or protein or ligand or analyte) - 248 (analyte and ligand and (biological adj analyte)).clm and detect\$4 and taxonomic biological adj analyte) - 447 biological adj analyte - 1437 ligand same peptide - 21737 ligand same peptide - 1553 ligand with peptide (biological adj analyte) and (ligand with peptide) - 77 (biological adj analyte) and (ligand with peptide)
detect\$4 and taxonomic and (ligand with (tether\$4 or bind or bound or link\$2)) 2004/06/24 13: 2004/06/
- 168 ((analyte and ligand and (biological adj analyte)).clm and detect\$4 and taxonomic and (ligand with (tether\$4 or bind or bound or link\$2))) and @ad<20011101 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB USPA
- 4241 taxonomic - 4241 taxonomic - 33 taxonomic with (biological adj analyte) - 519 taxonomic with ((biological adj analyte) or protein or ligand or analyte) - 8 taxonomic with ((biological adj analyte) or protein or ligand or analyte) - 8 taxonomic adj (identi\$) with ((biological adj analyte) or protein or ligand or analyte) - 248 (analyte and ligand and (biological adj analyte)).clm and detect\$4 and taxonomic biological adj analyte - 21737 ligand same peptide - 21737 ligand same peptide - 92 (biological adj analyte) and (ligand same peptide) - 15553 ligand with peptide - 77 (biological adj analyte) and (ligand with peptide) - 77 (biological adj analyte) and (ligand with peptide) - 177 (biological adj analyte) and (ligand with peptide) - 177 (biological adj analyte) and (ligand with peptide) - 177 (biological adj analyte) and (ligand with peptide) - 178 (biological adj analyte) and (ligand with peptide) - 179 (biological adj analyte) and (ligand with peptide) - 170 (biological adj analyte) and (ligand with peptide) - 170 (biological adj analyte) and (ligand with peptide) - 171 (biological adj analyte) and (ligand with peptide) - 172 (biological adj analyte) and (ligand with peptide) - 175 (biological adj analyte) and (ligand with peptide) - 176 (biological adj analyte) and (ligand with peptide)
- 31 taxonomic with (biological adj analyte) - 519 taxonomic with ((biological adj analyte) or protein or ligand or analyte) - 519 taxonomic with ((biological adj analyte) or protein or ligand or analyte) - 8 taxonomic adj (identi\$) with ((biological adj analyte) or protein USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB USPAT; US-PG
- S19 taxonomic with (biological adj analyte) USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB US-PG
- S19 taxonomic with ((biological adj analyte) or protein or ligand or analyte) - 8 taxonomic adj (identi\$) with ((biological adj analyte) or protein or ligand or ilgand or analyte) - 248 taxonomic adj (identi\$) with ((biological adj analyte) or protein or ligand or analyte) - 248 (analyte and ligand and (biological adj analyte)).clm and detect\$4 and taxonomic biological adj analyte - 21737 ligand same peptide - 21737 ligand same peptide - 21737 ligand same peptide - 321737 ligand with peptide - 447 (biological adj analyte) and (ligand same peptide) - 521737 ligand with peptide - 521737 ligand analyte) and (ligand same peptide) - 521737 ligand with peptide - 521737 ligand wit
taxonomic adj (identi\$) with ((biological adj analyte) or protein or ligand or analyte) 1 248 (analyte and ligand and (biological adj analyte)).clm and detect\$4 and taxonomic biological adj analyte 2 21737 ligand same peptide 2 21737 ligand same peptide 2 21737 ligand same peptide 3 21737 ligand same peptide 4 21737 ligand with peptide 5 21737 ligand with peptide 6 21737 ligand with peptide 7 (biological adj analyte) and (ligand with peptide) 8 2004/06/24 16: US-PGPUB USPAT; US-PGPUB; EPO; JPO; DERWENT
or ligand or analyte) Or ligand or analyte) US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB EPO; JPO; DERWENT
- 248 (analyte and ligand and (biological adj analyte)).clm and detect\$4 and taxonomic - 447 biological adj analyte - 21737 ligand same peptide - 92 (biological adj analyte) and (ligand same peptide) - 15553 ligand with peptide - 77 (biological adj analyte) and (ligand with peptide) - 77 (biological adj analyte) and (ligand with peptide) - 78 (biological adj analyte) and (ligand with peptide) - 79 (biological adj analyte) and (ligand with peptide) - 79 (biological adj analyte) and (ligand with peptide) - 79 (biological adj analyte) and (ligand with peptide) - 79 (biological adj analyte) and (ligand with peptide) - 79 (biological adj analyte) and (ligand with peptide) - 79 (biological adj analyte) and (ligand with peptide) - 79 (biological adj analyte) and (ligand with peptide) - 79 (biological adj analyte) and (ligand with peptide)
- 21737 ligand same peptide US-PGPUB USPAT; US-PGPUB; EPO; JPO; DERWENT
- 21737 ligand same peptide 92 (biological adj analyte) and (ligand same peptide) 15553 ligand with peptide 15553 ligand with peptide 77 (biological adj analyte) and (ligand with peptide) 78 (biological adj analyte) and (ligand with peptide) 79 (biological adj analyte) and (ligand with peptide) 70 (biological adj analyte) and (ligand with peptide) 71 (biological adj analyte) and (ligand with peptide) 72 (biological adj analyte) and (ligand with peptide) 73 (biological adj analyte) and (ligand with peptide) 74 (biological adj analyte) and (ligand with peptide) 75 (biological adj analyte) and (ligand with peptide)
- 15553 ligand with peptide US-PGPUB USPAT; US-PGPUB; EPO; JPO; DERWENT
- 77 (biological adj analyte) and (ligand with peptide) US-PGPUB USPAT; US-PGPUB US-PGPUB - 77 (biological adj analyte) and (ligand with peptide) US-PGPUB; EPO; JPO; DERWENT
US-PGPUB USPAT; US-PGPUB; US-PGPUB; US-PGPUB; EPO; JPO; DERWENT
US-PGPUB; EPO; JPO; DERWENT
analyte) US-PGPUB; EPO; JPO;
DERWENT
- 191 (detect\$4 or interroga\$4 or fluoresce\$4 or identif\$6) with USPAT; 2004/06/24 17: (protein adj analyte) USPAT; US-PGPUB; EPO; JPO;
- 119 ((detect\$4 or interroga\$4 or fluoresce\$4 or identif\$6) with USPAT; US-PGPUB; EPO; JPO;
DERWENT - 714 435/7.1 and (biological with analyte or protein\$6 near toxin) USPAT; 2004/07/12 10:
US-PGPUB

-	4097	protein\$ with toxin?	USPAT	2004/07/12 11:07
-	456	protein\$ with toxin? same (detect\$4 or identf\$7)	USPAT	2004/07/12 11:41
-	24068	ligand and (bind or bound or tether or capture) and (analyte or	USPAT	2004/07/12 13:26
		protein\$) and (identif\$7 or detect\$4)		
-	15717	ligand and ((bind or bound or tether or capture) same (analyte	USPAT	2004/07/12 13:53
		or protein\$)) and (identif\$7 or detect\$4 or interroga\$4) and		
		(substrate or glass or bead or chip) and method		
-	21	(heme with compounds or siderophores or polysaccharides or	USPAT	2004/07/12 13:57
		anti?adhesion with peptides) near ligands		
-	45	(heme with compounds or heme or siderophores or	USPAT	2004/07/12 14:09
		polysaccharides or anti?adhesion with peptides) near ligands		' '
•	33	(heme with compounds or heme or siderophores or	USPAT	2004/07/12 14:38
		polysaccharides or anti?adhesion with peptides) near ligands		' '
		and (detect\$ or identif\$ or interroga\$)		
_	27	(ligand near (tether\$4 or bind or bound or link\$2 or attach))	USPAT;	2004/07/14 16:30
		same (substrate or polymer or glass or chip or sensor or	US-PGPUB;	, ,
		(sensor with chip) or bead) same (angstrom or ang)	EPO; JPO;	
		(conservation conf.) or conservation (angularity or cong.)	DERWENT	
-	239	(ligand near (tether\$4 or bind or bound or link\$2 or attach))	USPAT;	2004/07/14 16:31
		same (substrate or polymer or glass or chip or sensor or	US-PGPUB;	
		(sensor with chip) or bead) same (angstrom or ang or	EPO; JPO;	
		nanometer or nm)	DERWENT	
_	82	(ligand near (tether\$4 or bind or bound or link\$2 or attach))	USPAT;	2004/07/14 16:31
		same (substrate or polymer or glass or chip or sensor or	US-PGPUB;	200 1, 07, 27, 20102
		(sensor with chip) or bead) same (angstrom or ang or	EPO; JPO;	
		nanometer or nm) and immobiliz\$	DERWENT	
-	2492	link\$2 same (angstrom or ang)	USPAT;	2004/07/15 14:10
		minique (angolioni or ang)	US-PGPUB;	,,
			EPO; JPO;	
			DERWENT	
_	777	link\$2 same (angstrom or ang) same (substrate or bead or	USPAT;	2004/07/15 14:11
		glass or polymer or chip or (sensor with chip))	US-PGPUB;	,
		Since or perference complete (contact contact comply)	EPO; JPO;	
			DERWENT	
-	21	link\$2 same (angstrom or ang) same (substrate or bead or	USPAT;	2004/07/15 14:18
		glass or polymer or chip or (sensor with chip)) same ligand	US-PGPUB;	
		grant or perference complete (contact that comply) cannot inguite	EPO; JPO;	
			DERWENT	
•	47	ligand same immobiliz\$ same (angstrom or ang)	USPAT;	2004/07/15 14:50
		, against come management (angus on on ong)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	45	spacer same immobiliz\$ same (angstrom or ang)	USPAT;	2004/07/15 16:28
			US-PGPUB;	
			EPO; JPO;	
	1		DERWENT	

DIALOG SEARCH

? ds

Set	Items	Description
S1	778543	LIGAND
S2	3258051	BIND OR BOUND OR TETHER? OR LINK?
S3	9522554	IDENTIF? OR DETECT?
S4	847643	LIGAND OR SPACER
S5	1108337	LIGAND? OR SPACER?
S6	327837	IMMOBILIZ?
S7	8467	S5 AND S2 AND S6
S8	2817	S7 AND S3
S9	7365297	PROTEIN
S10	1819	S8 AND S9
S11	8938747	PROTEIN?
S12	2015	S11 AND S8
S13	1183	RD (unique items)
S14	6611	S5 (S) S6 (S) S2
S15	204143	ANGSTROM OR ANG
S16	72	S14 (S) S15
S17	2637771	SUBSTRATE OR GLASS OR BEAD OR CHIP OR SENSOR (W) CHIP OR P-
	OI	YMER
S18	1406	S14 (S) S17
S19	26	S18 (S) S15
S20	17	RD (unique items)